JFW  
YOR920000383US2

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## Patent Application

Applicants(s): Bolle et al.  
Attorney Docket No.: YOR920000383US2  
Serial No.: 10/623,926  
Filing Date: July 21, 2003  
Group: 3621  
Examiner: Jalatee Worjloh

I hereby certify that this paper is being deposited on this date with the U.S. Postal Service as first class mail addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

Signature *[Signature]* Date: February 13, 2006

Title: Business System and Method Using a Distorted Biometrics

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TRANSMITTAL OF POWER OF ATTORNEY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith are the following documents relating to the above-identified patent application:

1. Power of Attorney;
2. Statement Under 37 C.F.R. § 3.73(b);
3. Letter of Authority; and
4. Copy of Assignment from Bolle et al. to IBM.

Please note that the assignment recorded at Reel 010926 Frame 0168 was in the parent case 09/596,085, now abandoned. A copy is attached as item No. 4.

There is no additional fee due in connection with this submission. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Lenovo Inc. Deposit Account No. 50-3533** as required to correct the error. A duplicate copy of this letter is enclosed.

Respectfully submitted,

*Paul J. Otterstedt*

Date: February 13, 2006

Paul J. Otterstedt  
Attorney for Applicants  
Reg. No. 37,411  
Ryan, Mason & Lewis, LLP  
1300 Post Road, Suite 205  
Fairfield, CT 06824  
(203) 255-6560



PTO/SB/80 (01-06)

Approved for use through 12/31/2008 OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO**

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☐ Practitioners associated with the Customer Number:

OR

☒ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number
Carlos Munoz-Bustamante	51,349	Wayne L. Ellenbogen	43,602
Scott W. Reid	42,098	Paul J. Otterstedt	37,411
Joseph B. Ryan	37,922	Robert W. Griffith	48,956
Kevin M. Mason	36,597		
William E. Lewis	39,274		

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☐ The address associated with Customer Number:

OR

<input checked="" type="checkbox"/> Firm or Individual Name	Ryan, Mason & Lewis, LLP		
Address	1300 Post Road, Suite 205		
City	Fairfield	State	CT
		Zip	06824
Country	USA		
Telephone	(203) 255-6560	Email	

Assignee Name and Address: Lenovo (Singapore)  
c/o Scott W. Reid  
Counsel, Intellectual Property Law  
Lenovo (United States), Inc.  
4401 Silicon Drive  
Durham, NC 27709

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

**SIGNATURE of Assignee of Record**

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature:		Date	Feb. 10, 2006
Name	Scott W. Reid	Telephone	(919) 991-3502
Title	Counsel, Intellectual Property Law		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Lenovo (Singapore) PTE Ltd

Application No /Patent No /Control No.: 10/623,926 Filed/Issue Date: July 21, 2003

Entitled: Business System and Method Using a Distorted Biometrics  
(which is a 37 CFR 1.53(b) CON of 09/596,085)

Lenovo (Singapore) PTE Ltd.

(Name of Assignee)

a Corporation

(Type of Assignee: corporation partnership university government agency etc.)

states that it is:

- 1 ☒ the assignee of the entire right, title, and interest; or
- 2 ☐ an assignee of less than the entire right, title and interest  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %)

in the patent application/patent identified above by virtue of either:

A ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_ Frame \_\_\_\_\_, or a true copy of the original assignment is attached

OR

B ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Bolle et al. To: IBM Corporation (Parent case- copy attached)  
The document was recorded in the United States Patent and Trademark Office at  
Reel 010926, Frame 0168, or for which a copy thereof is attached.
2. From: IBM Corporation To: Lenovo (Singapore) PTE Ltd  
The document was recorded in the United States Patent and Trademark Office at  
Reel 016891, Frame 0507, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached

☐ Additional documents in the chain of title are listed on a supplemental sheet.

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee

Scott W. Reid  
Signature

Scott W. Reid

Printed or Typed Name

Counsel Intellectual Property Law  
Title

Feb. 10, 2006  
Date

(919) 991-3502

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



LETTER OF AUTHORITY

We, Lenovo (Singapore) Pte. Ltd., do hereby delegate the authority to approve and execute documents on behalf of Lenovo (Singapore) Pte. Ltd. relating to proceedings in the Patent, Trademark Registration or Copyright Offices serving any country or region of the world, or to related appeal proceedings, including, but not limited to petitions, power of attorney, authorizations, verification, nominations of representatives, declarations, documents relating to maintenance of the resulting industrial property rights, assignments of rights to apply for and acquire patents and trademark registrations, and evidence of such assignments, requests for the registration of patents as available for licensing, to Scott W. Reid, United States patent attorney, Lenovo (United States), RTP, NC, U.S.A.

Date 11<sup>th</sup> July 2005

A handwritten signature in dark ink, appearing to be "D. Glendinning".

Signed: \_\_\_\_\_  
Damian Glendinning  
Vice-President and Treasurer  
For and on behalf of Lenovo (Singapore) Pte. Ltd.



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231



\*101412210A\*

YOR9-2000-0383

SEPTEMBER 08, 2000

PTAS

IBM CORPORATION  
LOUIS J. PERCELLO  
INTELLECTUAL PROPERTY LAW  
P.O. BOX 218  
YORKTOWN HEIGHTS, NEW YORK 10598

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/16/2000

REEL/FRAME: 010926/0168  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BOLLE, RUDOLF MAARTEN

DOC DATE: 06/16/2000

ASSIGNOR:

CONNELL, JONATHAN H.

DOC DATE: 06/13/2000

ASSIGNOR:

RATHA, NALINI K.

DOC DATE: 06/13/2000

ASSIGNOR:

PERCELLO, LOUIS J.

DOC DATE: 06/16/2000

ASSIGNEE:

INTERNATIONAL BUSINESS MACHINES  
CORPORATION  
NEW ORCHARD ROAD  
ARMONK, NEW YORK 10504

SERIAL NUMBER: 09596085  
PATENT NUMBER:

FILING DATE: 06/16/2000  
ISSUE DATE:

IBM  
RECEIVED  
JUN 16 1999  
LAW DEPT.

010926/0168 PAGE 2



**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**  
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OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

ALLYSON PURNELL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



07-24-2000



101412210

Docket No. YOR9-2000-0383US1

ER SHEET

JCS71 U.S. PTO  
09/596083

06/16/00

To The Honorable Commissioner of Patents and Trademarks:  
Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

RUDOLF MAARTEN BOLLE, JONATHAN H.  
CONNELL, NALINI K. RATHA,  
LOUIS J. PERCELLO

Additional name(s) of conveying  
party(ies) attached? ☐ Yes ☒ No

## 2. Name and address of receiving party(ies):

Name: International Business  
Machines Corporation  
Address: New Orchard Road  
Armonk, NY 10504

Additional name(s) & addresses  
attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment

Execution Date(s): June 16, 2000,  
June 13, 2000, June 13, 2000,  
June 16, 2000

## 4. Patent Application number(s)

/

Execution Date(s): June 16, 2000,  
June 13, 2000, June 13, 2000,  
June 16, 2000

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: LOUIS J. PERCELLO  
Address: IBM Corporation  
Intellectual Property Law  
P.O. Box 218  
Yorktown Heights, NY 10598

## 6. Total number of applications involved: 1

## 7. Total fee (37 CFR 3.41): \$40.00

☒ Charge to Deposit Account No.:  
09-0468

09596083

DO NOT USE THIS SPACE

## 8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of original document.

LOUIS J. PERCELLO (Reg. No. 33,206)

Name of Person Signing

Signature

Date

Total Number of pages including cover sheet,  
attachments, and document: 4

07/24/2000 MTHAIL 00000019 090468 09596085

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Express Label EL627131394US

Date of Deposit: June 16, 2000

**Assignment**

Whereas, we

INVENTOR  
AND CITY(1) Rudolf M. Bolle  
County of Westchesterof Bedford Hills  
and State of New YorkINVENTOR  
AND CITY(2) Jonathan H. Connell  
County of Westchesterof Cortlandt Manor  
and State of New YorkINVENTOR  
AND CITY(3) Nalini K. Ratha  
County of Westchesterof White Plains  
and State of New YorkINVENTOR  
AND CITY(4) Louis J. Percello  
County of Westchesterof Armonk  
and State of New York

TITLE

have invented certain improvements in  
**BUSINESS SYSTEM AND METHOD USING A DISTORTED BIOMETRICS**  
and executed, respectively, a United States patent application therefor on

DATES THAT

(1) June 16, 2000, (2) June 13, 2000,

INVENTORS

(3) June 13, 2000 and (4) June 16, 2000.


SIGNED THE

DECLARATION

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

CITY AND  
DATE(1) at *Yonkers, NY*  
on June 16, 2000,

  
 Rudolf M. Bolle  
 FIRST NAME MIDDLE INITIAL LAST NAME

SIGNATURE



CITY AND  
DATE

(2) at Yorktown Hts, NY  
on June 13, 2000,

Jonathan H. Connell  
FIRST NAME MIDDLE INITIAL LAST NAME

SIGNATURE

CITY AND  
DATE

(3) at Yorktown Hts, NY  
on June 13, 2000,

Nalini K. Ratha  
FIRST NAME MIDDLE INITIAL LAST NAME

SIGNATURE

CITY AND  
DATE

(4) at Yorktown  
on \_\_\_\_\_, 2000,

Louis J. Percello  
FIRST NAME MIDDLE INITIAL LAST NAME

SIGNATURE

State of New York )ss.:  
County of Westchester )

(1) On this 16<sup>th</sup> day of June, 2000, before me personally came  
RUDOLF M. BOLLE to me personally known, and known to me to be the person  
described in and who executed the foregoing assignment, and he acknowledged to me that  
he executed the same as his free act and deed.

Kathleen Cognatello  
Notary

**KATHLEEN COGNATELLO**  
NOTARY PUBLIC, State of New York  
No. 01CO6034770  
Qualified in Westchester County  
Commission Expires Dec. 20, 2001

State of New York )ss.:  
County of Westchester )

(2) On this 13<sup>th</sup> day of June, 2000, before me personally came  
JONATHAN H. CONNELL to me personally known, and known to me to be the person  
described in and who executed the foregoing assignment, and he acknowledged to me that  
he executed the same as his free act and deed.

Kathleen Cognatello  
Notary

**KATHLEEN COGNATELLO**  
NOTARY PUBLIC, State of New York  
No. 01CO6034770  
Qualified in Westchester County  
Commission Expires Dec. 20, 2001

State of *New York* )ss.:  
County of *Westchester* )

- (3) On this *13<sup>th</sup>* day of *June*, 2000, before me personally came NALINI K. RATHA to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

*Kathleen Cognatello*

Notary

KATHLEEN COGNATELLO  
NOTARY PUBLIC, State of New York  
No. 01CO6034770  
Qualified in Westchester County  
Commission Expires Dec. 20, *2001*

State of *New York* )ss.:  
County of *Westchester* )

- (4) On this *16<sup>th</sup>* day of *June*, 2000, before me personally came LOUIS J. PERCELLO to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

*Kathleen Cognatello*

Notary

KATHLEEN COGNATELLO  
NOTARY PUBLIC, State of New York  
No. 01CO6034770  
Qualified in Westchester County  
Commission Expires Dec. 20, *2001*